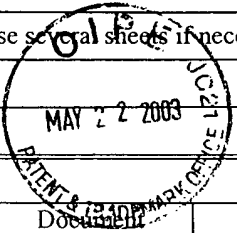


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U.S. Department of Commerce, Patent and Trademark Office		Atty Docket No.	Application No.
		STNB.066US1	<del>09278,515.2</del>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicants	Confirmation No.
(Use several sheets if necessary)		Zare	5049
		Filing Date	Group
		October 15, 2001	1723



U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
EGT	1	4,323,439	4/6/82	O'Farrell	204	180G	
EGT	2	4,617,102	10/14/86	Tomblin et al.	204	299R	
EGT	3	5,085,756	2/4/92	Swedberg	204	299R	
EGT	4	5,116,471	5/26/92	Chien et al.	204	180.1	
EGT	5	5,202,010	4/13/93	Guzman	204	299R	
EGT	6	5,340,452	8/23/94	Brenner et al.	204	180.1	
EGT	7	5,423,966	6/13/95	Wiktorowicz	204	182.8	
EGT	8	5,453,382	9/26/95	Novotny et al.	436	178	
EGT	9	5,766,435	6/16/98	Liao et al.	204	451	
EGT	10	5,800,692	9/1/98	Naylor et al.	204	601	
EGT	11	6,136,187	10/24/00	Zare et al.	210	198.2	
EGT	12	5,772,875	6/30/98	Pettersson et al.	210	198.2	
EGT	13	3,568,840	12/24/68	Hashimoto et al.	210	198.2	
EGT	14	3,757,490	9/11/73	Ma	210	198.2	
EGT	15	5,308,495	5/3/94	Avnir et al.	210	198.2	
EGT	16	5,316,680	5/31/94	Frechet et al.	210	198.2	
EGT	17	5,334,310	8/2/94	Frechet et al.	210	198.2	
EGT	18	5,552,994	6/4/96	Frechet et al.	210	198.2	
EGT	19	5,647,979	7/15/97	Liao et al.	210	198.2	
EGT	20	5,667,674	9/16/97	Hanggi et al.	210	198.2	
EGT	21	5,719,322	2/17/98	Lansbarkis et al.	210	198.2	
EGT	22	5,728,296	3/17/98	Hjerten te al.	210	198.2	
EGT	23	5,728,457	3/17/98	Frechet et al.	210	198.2	
EGT	24	5,759,405	6/2/98	Anderson, Jr. et al.	210	656	
EGT	25	5,858,241	1/12/99	Dittmann et al.	210	656	
EGT	26	4,675,300	6/23/87	Zare et al.	436	172	
EGT	27	5,599,445	2/4/97	Betz et al.	210	198.2	
EGT	28	5,637,135	6/10/97	Ottenstein et al.	96	101	
EGT	29	3,808,125	8/25/72	Good	210	198.2	
EGT	30	5,135,627	8/4/92	Soane	210	198.2	
EGT	31	5,453,185	9/26/95	Frechet et al.	210	198.2	

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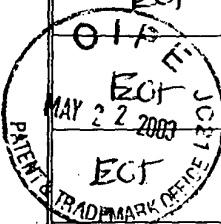
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EGT	32	3,503,712	5/18/66	Sussman	210	1982		
EGT	33	5,116,495	5/26/92	Prohaska	210	1982		
EGT	34	3,878,092	4/15/75	Fuller	210	1982		
Foreign Patent Documents								
		Document	Date	Country	Class	Subclass	Translation	No
EGT	35	WO 00/49396	8/24/00	WIPO	210	1982		X
EGT	36	EP 0 779 512 B1	06/18/97	EP	210	1982		X
EGT	37	EP 0 439 318 A2	7/31/91	EP	210	1982		X
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EGT	38	C. Yu et al., "Towards Stationary Phases for Chromatography on a Microchip: Molded Porous Polymer Monoliths Prepared in Capillaries by Photoinitiated In Situ Polymerization as Separation Media for Electrochromatography," <i>Electrophoresis</i> , Vol. 21, 2000, pp. 120-127.						
EGT	39	J. Quirino et al., "Sweeping of Analyte Zones in Electrokinetic Chromatography," <i>Analytical Chemistry</i> , Vol. 71, No. 8, April 15, 1999, pp. 1638-1644.						
EGT	40	M. Taylor et al., "Analysis of Corticosteroids in Biofluids by Capillary Electrochromatography with Gradient Elution," <i>Analytical Chemistry</i> , Vol. 69, No. 13, July 1, 1997, pp. 2554-2558.						
EGT	41	D.A. Stead et al., "Capillary Electrochromatography of Steroids Increased Sensitivity by On-Line Concentration and Comparison with High-Performance Liquid Chromatography," <i>Journal of Chromatography A</i> , Vol. 798, 1998, pp. 259-267.						
EGT	42	Y. Zhang et al., "High-Efficiency On-Line Concentration Technique of Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 22, November 15, 2000, pp. 5744-5747.						
EGT	43	T. Tegeler et al., "On-Column Trace Enrichment by Sequential Frontal and Elution Electrochromatography. I. Application to Carbamate Insecticides," <i>Analytical Chemistry</i> , Vol. 73, No. 14, July 15, 2001, pp. 3365-3372.						
EGT	44	F. E. P. Mikkers et al., "Concentration Distributions in Free Zone Electrophoresis," <i>Journal of Chromatography</i> , Vol. 169, February 1, 1979, pp. 1-10.						
EGT	45	R.-L. Chien et al., "On-Column Sample Concentration Using Field Amplification In CZE," <i>Analytical Chemistry</i> , Vol. 64, No. 8, April 15, 1992, pp. 489A-496A.						
EGT	46	J. Quirino et al., "Exceeding 5000-Fold Concentration of Dilute Analytes in Micellar Electrokinetic Chromatography," <i>Science</i> , Vol. 282, October 16, 1998, pp. 465-468.						
EGT	47	C. Yang et al., "Electrically Driven Microseparation Methods for Pesticides and Metabolites. II: On-line and Off-line Preconcentration of Urea Herbicides in Capillary Electrochromatography," <i>Electrophoresis</i> , Vol. 20, 1999, pp. 2337-2342.						
EGT	48	M. Dulay et al., "Preparation and Characterization of Monolithic Porous Capillary Columns Loaded with Chromatographic Particles," <i>Analytical Chemistry</i> , Vol. 70, No. 23, December 1, 1998, pp. 5103-5107.						
EGT	49	M. Dulay et al., "Photopolymerized Sol-Gel Monoliths for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 73, No. 16, August 15, 2001, pp. 3921-3926.						
EGT	50	J. Quirino et al., "New Strategy for On-Line Preconcentration in Chromatographic Separations," manuscript. <b>UNDATED</b>						
EGT	51	J. Quirino et al., "On-Line Preconcentration in Capillary Electrochromatography Using a Porous Monolith, Solvent Gradient and Sample Stacking," manuscript. <b>UNDATED</b>						
EGT	52	M. Kato et al., "Photopolymerized Sol-Gel Frits for Packed Columns in Capillary Electrochromatography," <i>Journal of Chromatography A</i> , Vol. 924, 2001, pp. 187-195.						

09/927,275 09/927,275

EGT	53	J.-R. Chen et al., "Macroporous Photopolymer Frits for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 6, March 15, 2000, pp. 1224-1227.
ECT	54	C. Viklund et al., "Molded Macroporous Poly(Glycidyl Methacrylate-Co-Trimethylolpropane Trimethacrylate) Materials with Fine Controlled Porous Properties: Preparation of Monoliths Using Photoinitiated Polymerization," <i>Chem. Mater.</i> , Vol. 9, No. 2, 1997, pp. 463-471.
ECT	55	M. Dulay et al., "Bonded-Phase Photopolymerized Sol-Gel Monoliths for Reversed-Phase Capillary Electrochromatography," <i>J. Sep. Sci.</i> , Vol. 25, 2002, pp. 3-9.
ECT	56	M. Kato et al., "Effect of Preparatory Conditions on the Performance of Photopolymerized Sol-Gel Monoliths for Capillary Electrochromatography," <i>Journal of Chromatography A</i> , Vol. 961, 2002, pp. 45-51.
ECT	57	M. Kato et al., "Enantiomeric Separation of Amino Acids and Nonprotein Amino Acids Using a Particle-Loaded Monolithic Column," <i>Electrophoresis</i> , Vol. 21, 2000, pp. 3145-3151.
EGT	58	J. Quirino et al., "On-Line Preconcentration in Capillary Electrochromatography Using a Porous Monolith Together with Solvent Gradient and Sample Stacking," <i>Anal. Chem.</i> , Vol. 73, 2001, pp. 5557-5563.
EGT	59	J. Quirino et al., "Strategy for On-Line Preconcentration in Chromatographic Separations," <i>Anal. Chem.</i> , Vol. 73, 2001, pp. 5539-5543.
EGT	60	K. Morishima et al., "Toward Sol-Gel Electrochromatographic Separations on a Chip," <i>J. Sep. Sci.</i> , Vol. 25, 2002, pp. 1226-1230.
EGT	61	M.J. Hilhorst, et al., "Sensitivity Enhancement in Capillary Electrochromatography by On-Column Preconcentration," <i>Chromatographia</i> 2001, 53, February (No. 3/4), pp. 190-196.
EGT	62	Woo, et al., "Photopolymerization of Methyl Methacrylate with Primary Aryl- and Alkylsilanes," <i>Bulletin of the Korean Chemical Society</i> , Vol. 16, No. 11, ISSN 0253-2964, Nov. 20, 1995.
EGT	63	Cikalo, et al., "Capillary Electrochromatography," <i>Analyst</i> , July 1998, Vol. 123 pp. 87R-102R.
EGT	64	Quirino, et al., "Sample Stacking of Cationic and Anionic Analytes in Capillary Electrophoresis," <i>Journal of Chromatography, A</i> , 902 2000, pp. 119-135.
EGT	65	Quirino, et al. "Sweeping of Neutral Analytes in Electrokinetic Chromatography with High-Salt-Containing Matrixes," <i>Analytical Chemistry</i> , vol. 72, No. 8, April 15, 2000.
EGT	66	Chen, et al., "Semipreparative Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 73, No. 9, May 1, 2001.
EGT	67	Colon, et al., "Packing Columns for Capillary Electrochromatography," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 43-53.
EGT	68	Svec, et al., "Design of the Monolithic Polymers used in Capillary Electrochromatography Columns," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 3-29.
EGT	69	Constantin, et al., "Preparation of Stationary Phases for Open-Tubular Capillary Electrochromatography Using the Sol-Gel Method," <i>Journal of Chromatography, A</i> , 887 (2000) pp. 253-263.
EGT	70	Tan, et al., "Preparation and Evaluation of Bonded Linear Polymethacrylate Stationary Phases for Open Tubular Capillary Electrokinetic Chromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 4, Feb. 15, 1997.
EGT	71	Chirica, et al., "Fritless Capillary Columns for HPLC and CEC Prepared by Immobilizing the Stationary Phase in an Organic Polymer Matrix," <i>Analytical Chemistry</i> , Vol. 72, No. 15, August 1, 2000, pp. 3605-3610.
EGT	72	Palm, et al., "Macroporous Polyacrylamide/Poly(ethylene glycol) Matrixes as Stationary Phases in Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 22, Nov. 15, 1997, pp. 4499-4507.



RECEIVED  
MAY 22 2003  
GROUP 1700

09/927, 875 09/998, 588

EC	73	Hayes, et al., "Sol-Gel Monolithic Columns with Reversed Electroosmotic Flow for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 72, No. 17, September 1, 2000, pp. 4090-4099.
EGT	74	Mol, et al., "Trace Level Analysis of Micropollutants in Aqueous Samples using Gas Chromatography with On-Line Sample Enrichment and Large Volume Injection," <i>Journal of Chromatography A</i> , 703 (1995) pp. 277-307.
EC	75	Quirino, et al., "Approaching a Million-Fold Sensitivity Increase in Capillary Electrophoresis with Direct Ultraviolet Detection: Cation-Selective Exhaustive Injection and Sweeping," <i>Analytical Chemistry</i> , Vol. 72, No. 5, March 1, 2000, pp. 1023-1030.
EC	76	Rudge, et al., "Solute Retention in Electrochromatography by Electrically Induced Sorption," <i>AIChE Journal</i> , May 1993, Vol. 39, No. 5, pp. 797-808.
EC	77	Kitagawa, et al., "Voltage-Induced Sample Release from Anion Exchange Supports in Capillary Electrochromatography," <i>Analytical Sciences</i> , June 1998, Vol. 14, pp. 571-575.
EC	78	Josic, et al., "Monoliths as Stationary Phases for Separation of Proteins and Polynucleotides after Enzymatic Conversion," <i>Journal of Chromatography B</i> , 752 (2001) pp. 191-205.
EGT	79	Peters, et al., "Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography," <i>Analytical Chemistry</i> , Vol. 69, No. 17, September 1, 1997
EGT	80	Dulay, et al., "Automated Capillary Electrochromatography: Reliability and Reproducibility Studies," <i>Journal of Chromatography A</i> , 725 (1996) pp. 361-366.
EGT	81	Brinker, et al., "Sol-Gel Science: The physics and Chemistry of Sol-Gel Processing," <i>Academic Press</i> , San Diego, pp. 372-385, 408-411, 458-459 1990.
EGT	82	Badini, et al., "Impregnation of a pH-Sensitive Dye into Sol-Gels for Fibre Optic Chemical Sensors," <i>Analyst</i> , 120, pp. 1025-1028, April 1995.
EGT	83	Snyder, Introduction to Modern Liquid Chromatography, <i>John Wiley &amp; Sons, Inc.</i> , New York, 1979, pp. 145-147.
Examiner	THERKORN	
Date Considered	MAY 28, 2003	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>		